



**NATIONAL  
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# KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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**AGRICULTURAL NEWS:** Dry weather continues as below normal rainfall was received in the State for the 5<sup>th</sup> time in 6 weeks. Remnants of Ike affected the State late in the period; but it was wind, not rain, that made its' impact. Near hurricane force gusts were felt Sunday across the State. **Topsoil moisture** was rated as 44 percent very short, 34 percent short and 22 percent adequate. **Subsoil moisture** was rated 41 percent very short, 40 percent short and 19 percent adequate. There were 6.0 days suitable for fieldwork. Main farm activities for the week were cutting tobacco, harvesting corn and other general farm work.

**CORN:** Grain and silage harvest continued, but remained behind normal. By September 14, 12 percent of the corn had been harvested. Last year it was 48 percent and 29 percent for the average. Some producers are reporting entire corn fields are flat on the ground because of the wind damage. At 74 percent, maturity levels are still behind the 90 percent a year ago and the average of 80 percent. Ninety-three percent had reached the dent stage, behind last year's 98 percent and 96 percent for the average. The crop was rated 2 percent very poor, 10 percent poor, 21 percent fair, 39 percent good, and 28 percent excellent.

**SOYBEANS:** Farmers are continuing to report that soybean yields, both full season and double crop, may be reduced because of the dry conditions. Soybean condition was rated 5 percent very poor, 15 percent poor, 27 percent fair, 35 percent good, and 18 percent excellent. Sixteen percent of soybeans have dropped leaves, compared to 41 percent last year and the five year average of 24 percent. About 36 percent of soybean leaves had turned yellow. Last year it was 48 percent and 43 percent for the average.

**TOBACCO:** Tobacco is curing well. Seventy-three percent of burley tobacco and 69 percent of the dark

tobacco had been cut as of Sunday, September 14. The five year average was 73 percent for burley tobacco and 66 percent for dark tobacco. Crop condition was rated 5 percent very poor, 12 percent poor, 29 percent fair, 38 percent good, and 16 percent excellent. There are reports of major wind damage to tobacco barns, as well as the standing crop.

**OTHER CROPS AND PASTURE:** Conditions continue to decline due to dry weather. Pastures were rated 29 percent very poor, 29 percent poor, 29 percent fair, 12 percent good, and 1 percent excellent. Hay crops were rated 17 percent very poor, 31 percent poor, 35 percent fair, 16 percent good, and 1 percent excellent.

## CROP PROGRESS for week ending 09/14/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Dent	93	85	98	96
Corn Mature	74	61	90	80
Corn Harvested	12	5	48	29
Soybeans Turning Yellow	36	21	48	43
Soybeans Dropping Leaves	16	7	41	24
Burley Tobacco Cut	73	57	74	73
Dark Tobacco Cut	69	61	78	66

## SOIL MOISTURE for week ending 09/14/08

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	44	34	22	0
Subsoil	41	40	19	0

## CROP CONDITIONS for week ending 09/14/08

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	2	10	21	39	28
Soybeans	5	15	27	35	18
Pasture	29	29	29	12	1
Hay Crops	17	31	35	16	1
Tobacco	5	12	29	38	16

## **KENTUCKY WEATHER SUMMARY, SEPTEMBER 8 - 14, 2008:**

**Above normal temperatures and below normal rainfall:**

**Dry weather continues as below normal rainfall was received in the Commonwealth for the 5th time in 6 weeks. The remnants of Ike affected the Bluegrass State late in the period; but it was wind, not rain, that made its' impact. Near hurricane force gusts were felt Sunday in the western half of the state. With only 1 week of summer left, temperatures remained warm as above normal values were reported for the 3rd time in the past 4 weeks.**

**Temperatures for the period averaged 74 degrees across the state which was 3 degrees above normal. High temperatures averaged from 86 in the West to 85 in the East. Departure from normal high temperatures ranged from 3 degrees above normal in the West to 7 degrees above normal in the East. Low temperatures averaged from 66 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 8 degrees above normal in the East.**

**Rainfall for the period totaled 0.32 inches statewide which was 0.46 inches below normal. Rainfall totals by climate division, West 0.21 inches, Central 0.18 inches, Bluegrass 0.37 inches and East 0.49 inches, which was 0.51, 0.77, 0.39 and 0.24 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at Bardstown to a high of 1.66 inches at Bristol.**

**Tom Priddy**

### **KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 14, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)				(Degrees Fahrenheit)						
Bardstown	0.00	18.35	0.30	-4.08	-2.97	96	55	77.1	+8	174	3252	+118
Berea	0.38	19.37	0.99	-3.93	-2.68	91	62	76.2	+8	177	3274	+33
Bowling Green	0.01	19.65	2.01	-3.77	-1.31	93	59	77.0	+8	178	3521	+250
Bristol	1.66	15.49	3.83	-4.26	+0.88	90	58	75.0	+7	168	3146	+134
Buckhorn Lake	0.33	16.07	1.62	-6.14	-1.74	92	58	75.6	+8	172	3247	+402
Cape Girardeau	0.30	23.43	4.15	+1.64	+0.91	89	54	75.1	+5	171	3389	-36
Campbellsville	0.02	16.74	0.64	-9.46	-3.59	94	57	77.2	+9	178	3312	+101
Covington	0.83	20.24	1.59	-0.56	-1.27	91	55	72.6	+5	151	3062	+93
Cumberland Gap	0.64	16.36	2.38	-7.83	-1.01	92	58	75.6	+8	172	3266	+284
Dix Dam	0.29	17.72	0.76	-5.36	-2.59	92	59	75.7	+8	172	3210	+31
Evansville	0.39	23.11	1.30	+2.31	-1.49	94	54	74.1	+4	159	3337	+65
Glasgow	0.04	21.71	0.80	-3.66	-2.84	95	57	79.2	+11	183	3465	+284
Grayson	0.09	18.87	1.54	-2.75	-1.44	93	58	75.1	+7	167	3109	+294
Hardinsburg	0.22	27.85	1.46	+4.63	-1.95	90	56	74.3	+6	164	3331	+46
Henderson	0.10	21.95	0.99	+0.48	-2.06	89	55	74.4	+4	165	3335	+33
Huntington	0.01	18.94	1.73	-2.80	-1.36	95	57	75.6	+8	168	3103	+104
Jackson	0.52	19.03	1.63	-4.27	-1.82	89	60	74.6	+7	168	3155	+310
Lexington	0.54	20.40	2.79	-2.03	-0.48	91	58	74.6	+7	166	3160	+147
London	0.15	17.58	1.97	-3.91	-1.15	90	60	75.8	+8	172	3270	+302
Louisville	0.28	21.23	1.08	-0.60	-1.99	94	59	75.5	+7	170	3576	+273
Mayfield	0.09	12.23	0.85	-11.37	-2.73	92	58	75.6	+5	172	3274	-72
Nashville	0.01	21.71	2.51	-0.13	-0.64	91	66	78.6	+10	192	3655	+141
Nolin Lake	0.01	22.89	1.13	-1.81	-2.53	93	57	76.6	+8	178	3436	+393
Paducah	0.37	24.69	1.33	+1.44	-1.90	96	58	76.9	+6	175	3506	+112
Princeton	0.04	20.07	0.96	-3.39	-2.40	95	55	77.6	+7	176	3516	+139
Quicksand	0.00	16.80	1.12	-6.50	-2.33	92	58	75.6	+8	172	3248	+403
Somerset	0.02	22.70	1.70	-1.64	-1.94	92	59	74.9	+7	169	3141	+68
Spindletop	0.43	18.39	1.14	-4.04	-2.13	93	56	74.5	+7	164	3147	+134
Williamstown	0.68	24.72	1.50	+2.64	-1.67	91	56	73.5	+6	158	3093	+80

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>